

## Contributors to This Issue

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Mrs. JUDITH G. BRINSFIELD, B.S., technical writing, 1963, and B.S.E.E., 1964, Carnegie Mellon University; M.S., mathematics, 1967, Stevens Institute of Technology; Bell Telephone Laboratories, 1965—. Mrs. Brinsfield has been engaged in report writing on the Nike-X project, programming on machine aids projects and design and development of the Mask Shop Information System. She is presently supervisor of the Engineering Applications Group, working on a computer-based information system for a new integrated circuit mask-making facility and a computer system for the automatic generation of program flowcharts.

BARRET BROYDE, B.A. (magna cum laude), Yeshiva College, 1955; Ph.D. (Chemistry), Polytechnic Institute of Brooklyn, 1960; Western Electric Engineering Research Center, 1967—. Mr. Broyde was engaged originally in investigations on more sensitive electron beam recording media. He is now Research Leader of the Materials and Analysis and Characterization Organization where new methods, techniques and instruments are being developed. Member, American Chemical Society, The Chemical Society (London), The American Institute of Physics, IEEE, New York Academy of Science, AAAS.

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ALLEN GERSHO, B.S., 1960, Massachusetts Institute of Technology; M.S., 1961, and Ph.D., 1963, Cornell University; Bell Telephone Laboratories, 1963—. During the 1966-67 academic year, Mr. Gersho was Assistant Professor of Electrical Engineering at the City University of New York. He has performed research in time varying and nonlinear signal processing, synchronization, adaptive filtering and the statistical approach to digital filter design.

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ARTHUR G. GROSS, B.E.E., 1956, M.S., 1959, and Ph.D., 1964, Rensselaer Polytechnic Institute; Bell Telephone Laboratories, 1964—. Mr. Gross has been mainly concerned with the development of computer aids for integrated circuit design and artwork generation. He is presently supervisor of the Computer Graphics Applications Group in the Computer Graphics Development Department. Member, Eta Kappa Nu, Tau Beta Pi, Sigma Xi, Association for Computing Machinery, SIAM, AAAS.

DONALD R. HERRIOTT, studied undergraduate physics at Duke University, optics at the University of Rochester and electrical engineering at Polytechnic Institute of Brooklyn; Bell Telephone Laboratories, 1956—. Mr. Herriott has worked on the optical design of the flying spot store for E.S.S., photoelectric lens evaluation, the development of the helium-neon laser and interferometry with and applications of lasers. He is currently Head of the Optical Device Department and is responsible for the development of new optical devices and systems. Fellow and director, Optical Society of America.

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JOSEPH P. LAICO, M.E., 1933, Brooklyn Polytechnic Institute; Bell Telephone Laboratories, 1929–1970. Mr. Laico specialized in mechanical design and development work, including work on various electron tubes from early amplifiers to magnetrons and klystrons. He also worked on traveling-wave tubes for radar, coaxial cable, radio relay, defense systems, and the *Telstar*® communications satellite project. Before retirement, Mr. Laico was Supervisor of a mechanical design group in the electron device laboratory. He has been granted 23 patents on electron devices.

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M. E. POULSEN, Bell Telephone Laboratories, 1939—. Mr. Poulsen was first involved in electron-tube development, primarily glass and glass-to-metal seal problems. He has worked on submarine cable tubes and devices, design of thermal controls for the Telstar® project, and high-powered radar traveling tube development. At present he is engaged in scanning devices for high-speed data transmission.

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